

AMENDMENTS TO THE CLAIMS

1. (Currently Amended) A motor-bearing holding structure comprising:

a molded rotor;

a metallic member having a first end portion and a second end portion, wherein the first end portion that is integrally molded with this the rotor; and

a first bearing having an inner wheel and an external wheel,

wherein the that is rotatably held to the rotor through this metallic member second end portion of the metallic member is rotatably held to the inner wheel at two or more places at equally spaced intervals around a rotary central axis of the molded rotor.

2. (Withdrawn) The motor-bearing holding structure of claim 1 further comprising:

a motor shaft that reciprocates in an axial direction by the rotation of an in-mold molded rotor;

wherein the metallic member that is integrally molded with the rotor abuts this motor shaft against said metallic member to limit the displacement of the motor shaft.

3. (Currently Amended) A motor-bearing holding structure according to Claim 1,

wherein a washer that is fitted to the external wheel of the metallic member protruding from the rotor is secured to the metallic member under conditions where the washer is pressed against the bearing.

4. (Original) A motor-bearing holding structure according to Claim 1, wherein the molded part of the metallic member is provided with a convex and concave portion.

5. (New) A motor-bearing holding structure according to Claim 1, further comprising a stopper plate that is integrally molded with the metallic member.

6. (New) A motor-bearing holding structure according to Claim 1, wherein the metallic member is formed of a bent piece, which is bent substantially in an L-shape.

7. (New) A motor-bearing holding structure according to Claim 1, further comprising a second bearing wherein the molded rotor is rotatably and axially movable over a predefined range held by the first and second bearings.

8. (New) A motor-bearing holding structure according to Claim 5, wherein the stopper plate forms a circular exposed abutting face within a large diameter hole communicating to the central bore portion of the molded rotor.

9. (New) A motor-bearing holding structure according to Claim 4, wherein the convex portion is formed of a bent piece, which is bent substantially in an L-shape.

10. (New) A motor-bearing holding structure according to Claim 4, wherein the convex portion is formed of a bent piece, which is bent substantially in a T-shape.

11. (New) A motor-bearing holding structure according to Claim 1, wherein the metallic member is a plurality of metallic members each including a washer that is fixed to corresponding metallic member.

12. (New) A motor-bearing holding structure according to Claim 11, wherein the plurality of metallic members are provided at plurality of places at equally spaced intervals around the rotary central axis of the molded rotor and the washer includes holes that allow the metallic members to be penetrated at a position corresponding to each of the metallic members provided at the plurality of places.

13. (New) A motor-bearing holding structure according to Claim 11, wherein external diameter of the washer is superimposed on the inner wheel so the washer can be pressed to be abutted against the inner wheel with a uniform force.

14. (New) A motor-bearing holding structure according to Claim 1, wherein metallic member is a ring-shape metallic member.